

Title (en)

Organic light-emitting diode (OLED) including an electron transport layer stack comprising different lithium compounds

Title (de)

Organische Leuchtdiode (OLED) mit einem Elektronentransportschichtstapel mit unterschiedlichen Lithiumverbindungen

Title (fr)

Diode électroluminescente organique (OLED) comprenant un empilement de couches de transport d'électrons comprenant différents composés de lithium

Publication

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Application

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Priority

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Abstract (en)

The present invention relates to a an organic light-emitting diode (OLED) (100) comprising an emission layer and an electron transport layer stack of at least two electron transport layers (160/161), wherein a first electron transport layer (161) and a second electron transport layer (162) comprises at least one matrix compound and in addition, - the first electron transport layer (161) comprises a first lithium halide or a first lithium organic complex; and - the second electron transport layer (162) comprises a second lithium halide or a second lithium organic complex, wherein the first lithium organic complex is not the same as the second lithium organic complex, and wherein the first lithium halide is not the same as the second lithium halide.

IPC 8 full level

H10K 99/00 (2023.01)

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Citation (applicant)

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